

Moreover, Liu '295 does disclose that "[a]fter receiving the registration request, the home agent 112 binds the MIP proxy address as the care-of address of the mobile node 120." Liu '295, p. 3. para. 34. However, Liu '295 does not state that this "registration request" is from the MIP proxy 102 (HA). Liu '295 mentions at least two "registration request" (e.g. from mobile node 120 and from MIP proxy 102). Because it is unclear which "registration request" is referred to, the Office Action cannot pick and choose disconnected references in Liu '295 to make obvious Claim 1.

Additionally, Liu '295 does disclose that "[a]fter receiving the registration request from MIP proxy 102, home agent 114 binds the MIP proxy address as the care-of address for VPN gateway 104." Liu '295, p. 3. para. 34. However, while this statement may arguably disclose "the HA is configured ... to notify the PHA," it does not teach that the PHA is notified "of the mobile node." The VPN gateway 104 is a completely different component than mobile node 120. Therefore, nothing in Liu '295 teaches or suggests "the HA is configured to provide a signaling and tunneling functionality and to notify the PHA of the mobile node." At least for this reason, Adrangi in view of Liu '295 does not make obvious Claim 1.

Independent Claims 15 and 19, recite similar, albeit different limitations as Claim 1. Therefore, Claims 15 and 19 should be allowable for substantially similar reasons.

Claims 2-14, 16-18 depend on Claims 1 and 15 respectively and should be allowable for similar reasons.

Rejections under 35 U.S.C. §103(a) over Adrangi & Liu '900: Claims 5, 9, and 14 are rejected under 35 U.S.C. §103(a) as being unpatentable over Adrangi in view of Liu '295 and in further view of Liu et al. (U.S. Patent Application Publication No. 2004/0212900 A1 hereinafter referred to as Liu '900). However, Claims 5, 9, and 14 ultimately depend from independent Claim 1, so are allowable for at least the same reasons as independent Claim 1.

Rejections under 35 U.S.C. §103(a) over Adrangi, Liu '295, Liu '900, & Mikkonen: Claims 6, and 11-13 are rejected under 35 U.S.C. §103(a) as being unpatentable over Adrangi in

CONCLUSION

Respectfully submitted,

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